

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) NAK1-AZ69r
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Kiyokazu YAMANAKA et al.		
Patent Number 5,930,808	Date Patent Issued July 27, 1999	
Title of Invention DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are <u>100%</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Matsushita Electric Industrial Co., Ltd.		
Signature	Date	
Typed or printed name and title of person signing for assignee (if assigned)		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

09916872.072601

STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Kyokazu Yamanaka et al.

Application No.: 08/865,092 Filed: May 29, 1997

Entitled: DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM

Matsushita Electric Industrial Co., Ltd., a Japanese corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 8589, Frame 0616, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

7/26/01
Date


Signature

Bradley D. Blanche, Reg. No. 38,387

Typed or printed name

Attorney of Record

Title

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (optional)

NAK1-AZ69r

I hereby declare that:

My residence and mailing address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd.and the title of my position with said assignee is: General Manager IP Development Center

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

Kiyokazu YAMANAKA et al.

Patent Number

5,930,808

Date of Patent Issued

July 27, 1999

Title of Invention

DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____

the specification of which

☒ is attached hereto.☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

Claims 1-27 are directed to a data conversion apparatus, where these claims unnecessarily recite the data conversion apparatus to be used as a data transmitting apparatus. New Claims 28-34 remove this and other unnecessary limitations.

[Attach additional sheets, if needed.]

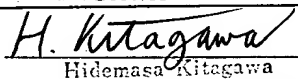
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

09916872, 072601

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE				Docket Number (Optional) NAK1-AZ69r	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.					
Name(s)		Registration Number			
Joseph W. Price		25,124			
Albin H. Gess		25,726			
Michael J. Moffatt		39,304			
Bradley D. Blanche		38,387			
Correspondence Address: Direct all communications about the application to:					
<input type="checkbox"/> Customer Number				Place Customer Number Bar Code Label Here	
		Type Customer Number Here			
OR					
<input checked="" type="checkbox"/> Firm or Individual Name		Joseph W. Price, PRICE and GESS			
Address		2100 S.E. Main Street, Suite 250			
Address					
City		Irvine	State	CA	Zip 92614
Country		USA			
Telephone		949-261-8433	Fax	949-261-9072	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of person signing (given name, family name) Hidemasa KITAGAWA					
Signature  Hidemasa Kitagawa			Date 16/July/2001		
Address of Assignee General Manager IP Development Center Authorized Signing Officer 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu 571-8501 Japan					
Patentee Kiyokazu YAMANAKA			Citizenship Japanese		
Residence/Mailing Address 11-19, Nishiyama-cho, Ashiya-shi, Hyogo-ken 659-0083 Japan					
Patentee Kazuo OKAMURA			Citizenship Japanese		
Residence/Mailing Address 4-5-8-302, Hoshigaoka, Hirakata-shi, Osaka-fu 573-0013 Japan					
<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.					

09915872-072601

Patentee Junichi HIRAI	Citizenship Japanese
Residence/Mailing Address 2-20-8-503, Yamate-cho, Suita-shi, Osaka-fu 564-0073 Japan	
Patentee Hidekazu TANIGAWA	Citizenship Japanese
Residence/Mailing Address 46-1-203, Yamadaikehigashi-machi, Hirakata-shi, Osaka-fu 573-0165 Japan	
Patentee Chihiro KAWAHARA	Citizenship Japanese
Residence/Mailing Address 1-24-4, Terakatamoto-machi, Moriguchi-shi, Osaka-fu 570-0047 Japan	
<input type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.	

09916872.072601

7-1

ASSIGNMENT

WHEREAS, we, Kiyokazu YAMANAKA, Kazuo OKAMURA, Junichi HIRAI,
Hidekazu TANIGAWA, and Chihiro KAWAHARA

citizens of Japan, have invented certain new and useful
improvements in an
DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM

for which we have executed application for Letters Patent of the
United States,

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a
corporation of Japan, having a principal place of business at 1006,
Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan, is desirous of obtaining
the entire right, title and interest in, to and under the said
improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen
(100 ¥) to us in hand paid, and other good and valuable
consideration, the receipt of which is hereby acknowledged, we,
Kiyokazu YAMANAKA, Kazuo OKAMURA, Junichi HIRAI,
Hidekazu TANIGAWA and Chihiro KAWAHARA

have sold, assigned, transferred and set over, unto said MATSUSHITA
ELECTRIC INDUSTRIAL CO., LTD., its successors, legal
representatives and assigns, the entire right, title and interest
in, to and under said improvements, and said application and all
divisions, renewals and continuations thereof, and all Letters
Patents of the United States, which may be granted thereon and all
reissues and extensions thereof, and all priority rights under the
International Convention for the Protection of Industrial Property
for every country of the Union, and all applications for Letters
Patents which may hereafter be filed for said improvements in any
country or countries foreign to the United States, and all Letters
Patents which may be granted for said improvements in any country
or countries foreign to the United States, and any official of any
country or countries foreign to the United States, whose duty it is
to issue patents, on applications as aforesaid, to issue all
Letters Patents for said improvements to said MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., its successors, legal representatives and
assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the
entire interest herein assigned, and that we have not executed, and
will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communi-
cate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its

successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th
day of May, 1997.

Kiyokazu Yamataka
Kiyokazu YAMANAKA

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th
day of May, 1997.

Kazuo Okamura
Kazuo OKAMURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th
day of May, 1997.

Junichi Hirai
Junichi HIRAI

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th
day of May, 1997.

Hidekazu Tanigawa
Hidekazu TANIGAWA

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th
day of May, 1997.

Chihiro Kawahara
Chihiro KAWAHARA

09916872-072601